

⊕ SECRET WEAPONS OVER NORMANDY ⊕



FLIGHT KIT GENERAL ISSUE

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P.O. Box 10307, San Rafael, CA 94912



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WARNING: PLEASE READ BEFORE INSTALLING OR USING THE SOFTWARE

PHOTOSENSITIVE SEIZURES

A very small percentage of people may possibly experience a seizure when exposed to certain light patterns, flashing lights or other visual images that appear in computer software games. If you, or anyone in your family, have an epileptic condition, consult your physician before installing or using the software. Even people who have no history of seizures or epilepsy may have an undiagnosed condition that can possibly cause a seizure while viewing a computer software game. Reported seizures may have a variety of symptoms, including lightheadedness, altered vision, eye or face twitching, nausea, headaches, jerking or shaking of arms and legs, disorientation, confusion, or any involuntary movement or convulsions.

If you experience any of these symptoms, **IMMEDIATELY STOP PLAYING AND CONSULT A DOCTOR.** Parents or guardians should watch for or ask their children if they are having any of the above symptoms — children and teenagers are reportedly more likely than adults to experience seizures from viewing computer software games.

★ CONTENTS ★

This Flight Kit contains your General Issue Supplies and Flight Log. All pilots are responsible for maintaining the materials contained herein and are required to carry this kit on all missions. Please review and verify that this kit contains the following essentials:

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INTRODUCTION

By May of 1940, the Allied leaders of Great Britain and the United States had witnessed the awesome power of Germany's resurrected war machine. Undermanned and under equipped, the Allies moved quickly to slow the Nazi military juggernaut. Pilots from war-ravaged Europe, and even the United States, came to England to volunteer their services.

This is their story....

★ INSTALLATION ★

To install **Secret Weapons Over Normandy™**, insert the game CD into your CD-ROM drive. If you have **Autorun** enabled, the game's Launcher will appear. Click the **Install** button to load the game onto your computer.

If your computer does not have **Autorun** enabled, open **My Computer** from your Windows desktop and double-click on the CD-ROM drive showing the **Secret Weapons Over Normandy** icon. Double-click on the program icon to start installing the program. Once started, a series of onscreen instructions will guide you through the rest of the installation procedure. If you experience problems with the installation, click **Help** on the game's launcher screen, and then click **View Readme**. *NOTE: We recommend turning off all background applications and virus scanners before beginning installation.*

★ FLIGHT CONTROLS ★



Note: Button configurations are unique to each manufacturer's joystick. Your joystick may look different from the one depicted. Refer to the manual that came with your joystick for more specific information on button placement and button mapping instructions.

KEYBOARD KEY MAP

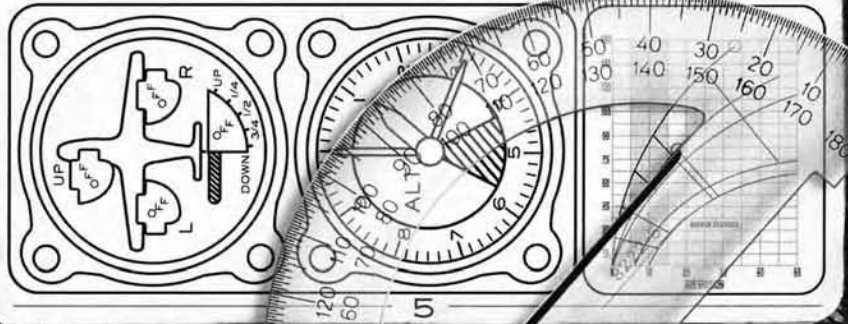
Pause/ Options:	ESC key
Nose Up:	S key
Nose Down:	W key
Turn/Roll Right:	D key
Turn/Roll Left:	A key
Yaw Left:	4 key (Numpad)
Yaw Right:	6 key (Numpad)
Increase Throttle:	8 key (Numpad)
Decrease Throttle:	5 key (Numpad)
Fire Primary Weapon:	SPACEBAR
Fire Secondary Weapon:	ALT key
Cycle Through Ground Targets:	F key
Cycle Through Air Targets:	R key
Zoom Camera:	ENTER key (Numpad)
Check Six (look behind craft):	TAB key
Landing Gear:	4 key

KEYBOARD KEY MAP (Contd.)

Target Lock:	SHIFT key – Press and hold to keep current target in view.
Reflex Time:	E key – Press to toggle slow motion, which reduces game speed by half. Press and hold to enable fast motion, which doubles the game speed.
Toggle Camera:	C key – Press to cycle through different camera modes. See page 10 for the different modes.

WINGMATE COMMANDS (See page 25 for specific information)

Attack My Target:	1 key – Order your wingmen to attack your target.
Defend Me:	2 key – Order wingmen to defend your aircraft by attacking planes that target you. <i>NOTE: This is the default order.</i>
Target at Will:	3 key – Order your wingmen to attack at will.



★ HOW TO BECOME AN ACE ★

CONFIDENTIAL TACTICAL INTELLIGENCE

ISSUED 04 APR 1945

ROUTING IS RESTRICTED TO TOP LEVEL PERSONNEL ONLY

PILOT JAMES CHASE

Winning a battle, much less the war, isn't going to be an easy task. Even those pilots who are self-proclaimed "hotshots" can do with a few valuable tips. Before even climbing into the cockpit of a plane, all pilots would do well to heed the following advice.

- When unclear about the current mission objectives, press the ESC key to consult the Goal and Log screens.
- Remember to aim the craft's guns at the red lead indicator to hit the intended target.
- If no red lead indicator is visible on the intended target, the enemy is out of range. Throttle up and close the distance!
- When dogfighting, adjust the plane's speed to stay on the enemy's tail. To make a tighter turn, lower the speed.

- Although it takes awhile to master, Target Lock is a valuable tactic that enables pilots to track targets much easier and to turn their craft to attack them more quickly.
- Use slow-motion Reflex Time to help track and target highly maneuverable enemy craft.
- When low on ammo or health, land at the nearest friendly airfield.
- Play the challenge missions to earn Upgrade Requisition points.
- When traveling long distances or intercepting an enemy plane, use fast-motion Reflex Time.
- Use wingmates whenever the situation calls for them.
- Use the Zoom Camera to bull's-eye distant targets.
- Remember that torpedoes have a 2.5 second delay before arming. If dropped too close to the target, the torpedo will not be armed.
- Activate the Bombing camera from the Options menu before performing bombing runs, and then use it to accurately line up ground targets during the mission.
- To hit a target accurately with bombs, climb to at least 500 feet, then dive at the target while flying over it. Bombs should be dropped when the bomb reticle is overlapping, and smaller than, the intended target.
- When upgrading a plane, strike a balance between Armor and Speed/Maneuverability.
- Replay missions and challenges in the History mode to earn Upgrade Requisitions and unlock planes that may have been missed the first time through.

PROPERTY OF THE BATTLEHAWKS

★ PRE-FLIGHT CHECKLIST ★

MAIN MENU

At the Main Menu screen, new pilots and war veterans alike can navigate between the following.



- ☐ **Campaign**
Begin or continue a Campaign. See page 27 for more information.
- ☐ **Instant Action**
Get right into combat! See page 29 for more information.
- ☐ **Custom Missions**
Select to play user-created missions.
- ☐ **Options**
Select to view or alter in-game options.
- ☐ **Load**
Select to load a previously saved game.
- ☐ **Save**
Select to manage any currently saved games.
- ☐ **Gallery**
Select to view any in-game movies you have unlocked.
- ☐ **Quit**
Select to quit the current game and return to the desktop.

★ OPTIONS ★

Prior to combat, pilots can access the Options menu to view and/or change any of the following.

INPUT DEVICES

Flight Controls: Select from Basic and Advanced. The Basic setting is more accessible to novice and intermediate pilots, while the Advanced setting represents more traditional flight control that enables yaw independent from roll (or the rudder).

Controller Type: Select from joystick (default) and gamepad.

Input Device Sensitivity: Select from Arcade, Balanced (default) and Realistic.

Throttle Wheel: Select from No (default) and Yes.

Y-Axis: Allows pilots to invert the Y-axis on the control stick.

Force Feedback: Select from High (default), Off, Low, and Medium.

Remap Controls: Select to customize and remap all keyboard and joystick button assignments.

SOUND

FX Volume, Engine Volume, Music Volume, Voice Volume: Select any of the volume options and adjust the sliders to the desired level.

Speaker Config: Select between Stereo (default), Surround and Mono.

Radio Chatter: Select from Voice and Subtitles (default), None, Voice Only and Subtitles Only.

Radio Chatter Level: Select between Normal (default) and Reduced.

Ambient Sound: Select between On (default) and Off.

CAMERA

Select any of the following camera options to Enable or Disable these views.

NOTE: Only 3rd Person – Chase and 3rd Person – Bombing are enabled by default.

1st Person: A pilot's eye view of the action.

3rd Person – Chase: Provides maximal situational awareness. Enables pilots to see everything happening around them.

3rd Person – No HUD: Pure combat experience.

3rd Person – Target Lock: View the action as if the **SHIFT** key were continually pressed.

3rd Person – Bombing: Presents a top-down view of the plane. When armed with bombs, the bombing reticle becomes active, which is visible just beyond the plane's nose. When using this view, pilots should press the **SHIFT** key to gauge how close they are to the target to prepare for a direct hit.

GRAPHICS SETTINGS

Select to alter a large variety of graphical settings to balance your system's visual/performance needs.

RESET TO DEFAULTS

Select to reset all settings back to the factory defaults.

★ HANGAR ★

Prior to takeoff, it's good practice for pilots to know about their aircraft and weapons, as well as to understand the importance of upgrades. While engaging the enemy during missions and learning about various combat techniques through tutorials, pilots can unlock more craft. Pilots can also earn Upgrade Requisitions that can be used to improve various aspects of a given plane (see **Upgrades**, page 19, for more information).

AIRCRAFT

Secret Weapons Over Normandy contains more than 20 authentic planes within its hangar. At the start of the game, the Campaign mode begins with the Hawker Hurricane Mk. I, while the Instant Action mode begins with the Hawker Hurricane Mk. I, the Curtiss P-40 Warhawk and the Junkers Ju-87 Stuka. See the following for information on some of the available craft and their related info. *NOTE: New planes become unlocked by progressing through the Campaign missions or challenges and meeting certain criteria.*



Hawker Hurricane Mk. I

The Hawker Hurricane is the first monoplane fighter to be used by the Royal Air. Equipped with eight machine guns, it accounted for most of the German aircraft shot down during the Battle of Britain.



Supermarine Spitfire Mk. V

Powered by a Rolls-Royce Merlin engine, the Spitfire proved itself against the Bf-109 during the Battle of Britain. For the Mark V model, two cannons are paired with four machine guns for greater firepower.



Fairey Swordfish Mk. I

The Fairey Swordfish "Stringbag" is used as a torpedo bomber to perform anti-submarine duties. This canvass-covered British biplane comes equipped with a rear gunner, in addition to its single forward-firing gun.



Messerschmitt Bf-109 E-1

The Messerschmitt Bf-109 is the Luftwaffe's standard single-seat fighter, and it comes equipped with two 20mm cannons and two machine guns. The Germans are producing more of this fighter plane than any other aircraft. It's estimated that by the end of the war they will have produced almost 35,000 planes.



Lockheed P-38F "Lightning"

The P-38 is one of the most versatile and effective American fighters, and is used on almost all fronts in a great variety of roles. This unique looking aircraft, with its twin-engine and twin-tailed design, is perfect for interceptor, photographic reconnaissance, fighter-bomber and night-fighter missions.



Mitsubishi A6M2 Zero

The Mitsubishi A6M2 Zero or "Zeke" is the mainstay Japanese fighter, and comes equipped with two 20mm cannons and two machine guns. Capable of operating from aircraft carriers or land bases, it is an extremely maneuverable and fast aircraft.



De Havilland Mosquito MK. IV

The de Havilland Mosquito is an elegant all-wood twin-engine bomber. Possessing remarkable speed, this British aircraft can outrun even a Bf-109. The Mosquito can be equipped with a wide range of weapons, including four nose-mounted 20mm cannons.



Curtiss-Wright XP-55 "Ascender"

The Curtiss-Wright XP-55 "Ascender" is an American prototype fighter of unusual design. It has a rear-mounted engine, swept wings with flared wingtips and no tail. It comes equipped with four machine guns in the nose.



Focke Wulf Fw-190 A-1

The Focke Wulf Fw-190 is widely regarded as the Luftwaffe's best overall fighter. This small combat fighter comes equipped with four machine guns. Introduced in 1941, this fighter has quickly established dominance over the Allied planes.



Ilyushin IL-2M3 "Sturmovik"

The Ilyushin IL-2 Sturmovik is the Soviet Union's tactical ground attack aircraft and is especially effective against German tanks. Heavily armored and equipped with a rear gunner, it can withstand intense ground fire. It is estimated that more than 35,000 Sturmoviks will be built before the war's end.



Chance-Vought XF5U-1 "Flying Pancake"

The Chance-Vought XF5U-1 "Flying Pancake", with its uniquely designed low-profile fuselage, achieves extremely low as well as high-speed flight. Its slow minimum speed allows for unparalleled short takeoffs. Armed with four 20mm cannons, the "Pancake" is ideal for ground attack missions.



Northrop XP-56 "Black Bullet"

The Northrop XP-56 "Black Bullet" is an experimental American fighter. It has an unusual flying wing design and a rear-mounted engine. Though it didn't get past the prototype stage, it provides Northrop with valuable experience that it is set to apply to later flying-wing designs.



Messerschmitt Me-262 A-1a

The Messerschmitt Me-262 is the world's first operational jet fighter. Built by the Germans, it's the fastest craft in the skies, thanks to its twin jet engines. The Me-262 comes equipped with four 30mm cannons, providing it with great firepower.



North American P-51D "Mustang"

Heralded by many as the best American fighter plane in the war, North America's P-51 "Mustang" is built for use by the RAF. After major upgrades to its canopy and fuselage, engine and armament, it is quickly emerging as the USAAF's main fighter over Europe. Its six .50cal machine guns are proving to be deadly effective against Luftwaffe fighters.



Gloster Meteor Mk. III

The Gloster Meteor is the first British and Allied jet propelled aircraft to enter service in the war. Powered by twin jet engines, it can reach a top speed of almost 500 mph. Armed with four 20mm cannons, the Meteor sees action primarily against V-1 buzz bombs.



The Messerschmitt Me-163 "Komet"

The Messerschmitt Me-163 "Komet" is the Luftwaffe's only rocket-powered fighter. A deadly opponent for the Allies, the Komet nonetheless proves more dangerous to the young pilots who fly it. Imagine being strapped into a tiny cockpit and being surrounded by the most explosive and volatile chemicals known to man. The life expectancy of a Komet pilot is measured in hours.

★ WEAPONS ★

In addition to the standard machine gun armaments, pilots often have the opportunity to outfit their plane with a secondary weapon. This ordnance can often play a crucial role in the success of a mission, so pilots should choose carefully. As the war progresses, increasingly advanced types of secondary weapons will become available.

CONVENTIONAL WEAPONS

Cannons

Cannons are typically bolted underneath each wing of an aircraft or to the aircraft's fuselage. The 37mm cannon features an armor-piercing shell that is capable of damaging even the most heavily armored vehicles. The 57mm cannon also features an armor-piercing shell, but provides a much greater punch than the 37mm cannon. Because of their larger size, planes can't carry as many 57mm rounds.

Rockets

Rockets are useful weapons for attacking ground targets. Smaller rockets can be used to eliminate small buildings and armored vehicles, although it may take as many as two to three direct hits to destroy a tank. Medium-sized rockets are armor piercing and powerful enough to destroy the largest tank with a single, direct hit. Large-sized rockets are devastatingly effective against large buildings and parked aircraft.



Bombs

Bombs are highly explosive fragmentation weapons that are effective in destroying numerous ground targets. Smaller 250 lbs. bombs are best suited against small targets, and are most effective against lightly armored vehicles and non-reinforced buildings. Medium-sized 500 lbs. bombs are effective against heavily armored tanks, small ships and large buildings. Large-sized 2000 lbs. bombs are best used against large ships, airfields and concrete reinforced ground structures.

Torpedoes

For use against naval targets, the 17.7" Mark XV Torpedo has to be dropped from no higher than 150 feet and at speeds below 150 mph. After running through the water for 250 feet, the torpedo's warhead will arm.

SECRET WEAPONS

Fritz X

Fritz X, Ruhrstahl/Kramer X-1, is a free-fall guided bomb with over 700 lbs. of explosive. Radio controlled, this German weapon is intended to sink Allied capital ships.

Highball

The Highball, or bouncing bomb, contains 600 lbs. of high explosive. This British weapon is specially designed for use against dams and ships. When dropped from an altitude of not more than 100 feet, the Highball will skip along the surface until it hits its intended target.





Henschel 294

The Henschel 294 is a German developed rocket-propelled flying torpedo designed to destroy ships from beyond their anti-aircraft range. Once released, it is guided through the air until it nears its target. It is then steered into the water and run, un-guided, like a standard torpedo.



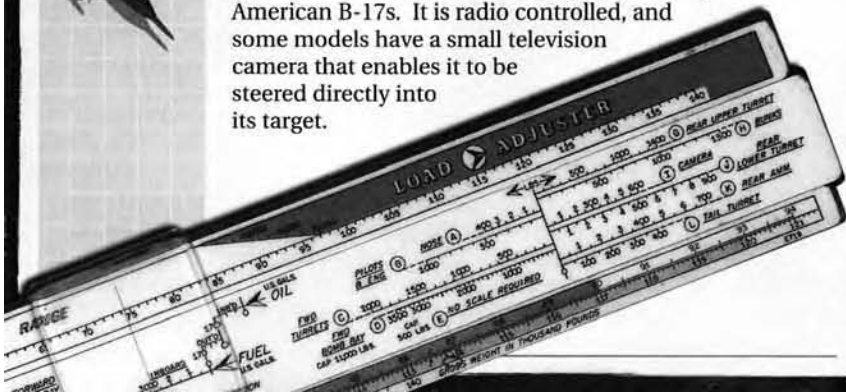
Henschel 293

The Henschel 293 is a German developed air-to-ground rocket designed to destroy ground targets at long range. This camera-guided, rocket-propelled weapon carries a 650 lb. warhead.



X-4

An air-to-air missile developed by Ruhrstahl AG, a German steel manufacturer, which is designed to bring down American B-17s. It is radio controlled, and some models have a small television camera that enables it to be steered directly into its target.



Upgrades

As pilots complete objectives, they are awarded Upgrade Requisitions that can be used to enhance individual aircraft. These upgrades are applied in the hangar. Be aware that not all upgrades are only beneficial; some apply both positive and negative effects to a plane's overall performance. For instance, an Armor upgrade both increases a plane's ability to withstand damage and lowers its speed and handling.

Armor I-III: Adds extra armor plating to the aircraft resulting in a 25% increase in damage protection. The added weight of this armor, however, causes a 10% loss in speed and maneuverability.

Engine I-III: Boosts plane speed by 20% and increases its climb rate by 5%.

Airframe I-III: Improves the flight controls of the aircraft: roll, pitch, yaw and turn rates are all increased by 10%.

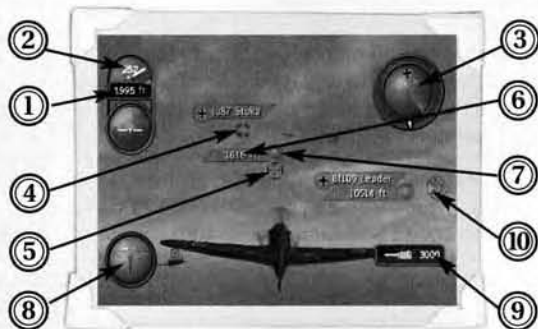
Extra Gun Ammo: Doubles the capacity of a plane's machine guns. Engine performance is also increased to compensate for the extra ammo weight.

Double Bomb Rack: Doubles the capacity of a plane's bomb rack. The load of any weapon that attaches to the bomb rack will be doubled. Engine performance has also been improved to compensate for the extra bomb load.

Double Rocket Rack: Doubles the capacity of a plane's rocket rack. Engine performance has also been enhanced to accommodate for the increased load.

Extra Cannon Ammo: Doubles the capacity of the cannon magazine. To ensure no loss of airspeed, engine performance has also been improved to offset the extra ammo weight.

IN-GAME SCREEN



1. Altitude Gauge: As a pilot moves their plane, either by banking, rolling, climbing or diving, this gauge will reflect the change in altitude. The plane itself is represented in the center of the display. As the craft rotates, or as the craft pitches up and pitches down, so will the display.

2. Speed-Throttle Gauge: Displays the plane's current speed and throttle setting. Climbing too steeply bleeds away airspeed, which will eventually stall the aircraft. Pitching the plane down will increase the plane's airspeed to the maximum it can handle.

3. Situational Awareness Map: Displays Priority Targets on the outer ring with an insignia denoting friendly or enemy craft, as well as the closest airfield. The center of the display shows any close by enemies (red) and/or wingmen (green).

4. Lead Indicator: Indicates proper lead required to hit current target.

5. Target Reticle: Use to target enemy craft.

6. Target Distance: Shows how far away the current target is from the pilot's craft.

7. Target Health: Indicates how much damage has been dealt to current target.

8. Damage Level Indicator: Displays the plane's current state of disrepair. All pilots should monitor this closely while engaging the enemy.

9. Weapon Load Counters: Displays the amount of ammo remaining.

10. Off-Screen Target Arrow: Indicates the presence of enemy planes not seen onscreen.

IN-GAME PAUSE MENU

Press the **ESC** key at any time during gameplay to access the in-game pause menu. The following provides descriptions for the Campaign and Instant Action menus.

Campaign: In addition to viewing mission Goals, pilots can read the mission Log, or transcripts, to see information they may have missed at the time of transmission. Additionally, the following options are also available:



RESUME – Continue on with current mission.

OPTIONS – Adjust controller, sound and camera configurations. May also reset all configurations to their default settings.

CHECKPOINT – Replay mission from last checkpoint.

RESTART – Replay current mission from the beginning.

HANGAR – Exit to the hangar.

QUIT – Exit mission and return to the Campaign menu screen.

Instant Action: In addition to viewing mission Goals, pilots can access the following options:

RESUME – Continue on with current mission.

OPTIONS – Adjust controller, sound and camera configurations. May also reset all configurations to their default settings.

SETUP MISSION – Exit and setup mission.

RESTART – Replay current mission from the beginning.

QUIT – Exit mission and return to the Main Menu screen.

★ PREPARE FOR TAKEOFF ★

As pilots ready themselves for combat, it's necessary to understand the importance of completing primary goals, and the bonuses that come with completing primary, secondary and bonus goals. Pilots should also know when they should land at friendly airfields to repair their planes and to reload their weapons. Lastly, victory can only be attained through a team effort, so pilots should know to use their wingmates when the situations arise.

MISSION GOALS: PRIMARY, SECONDARY AND BONUS

Before every mission, pilots are given a primary goal to meet. Once the primary goal is completed, pilots may be given additional primary goals that must be met before a mission is successful. As primary goals are completed, pilots are given visual and/or audio messages indicating as such. Pilots may also be given secondary goals to complete, in addition to any primary goals. Unlike primary goals, which need to be completed to advance through the Campaign mode (see **Campaign**, page 27, for more information), pilots are not required to complete secondary goals. Lastly, some missions may also grant pilots bonus goals to complete. Like the secondary goals, bonus goals need not be completed to advance to the next mission. *NOTE: Bonus goals remain hidden until all of the secondary goals are completed.*

TARGETS AND TARGETING

To be successful, it is imperative that all priority targets be taken care of first. A priority target is vital to completing the mission, whether it is to be destroyed or protected. In the heat of battle, it is easy to become distracted by the number of targets in the sky and on the ground. One way to find out which targets take priority is to pay attention to the primary goal at the start of a mission, as pilots are usually given an indication which targets are the

most crucial. Listening to Allied forces' chatter during battle is also a good way to know which targets are priorities.

Once the primary targets are known, pilots can pinpoint those targets by pressing and holding either the **R** key or **F** key to toggle the targeting-in-sight feature. Once activated, pilots can not only see every target within view (craft name and insignia), but can also target a specific craft by using the targeting reticle and nudging it in the direction of the target. Once the intended target has been selected, release the button. *NOTE: In addition to the craft insignia and name appearing onscreen, the insignia of priority targets will also appear in the outer ring of the Situational Awareness Map.*

KNOW THE ENEMY

While all pilots should know the difference between enemy targets and friendly aircraft before taking flight, it never hurts to have a visual reminder. Study the reference material below to become familiar with both enemy and allied insignias.

Allies (Friendly)



British



American



Flying Tigers



Battlehawks



Soviet

Axis (Enemy)



German



Nemesis



Japanese

Informational



Wingmate



Airfield

WINGMATE COMMANDS

There are times in battle when a pilot's best friend is his wingmate. Be sure to use their services when the action heats up. The following is a breakdown of each command.

"Attack My Target"

Giving this command causes the wingmate to attack the enemy target that is currently selected. Once this target is destroyed, the wingmate returns to his default command, "Defend me."

"Target at Will"

Giving this command allows wingmen to independently attack targets of opportunity. Be careful with this command as wingmen may fly far and wide over the combat zone, away from the pilot who issued the order.

"Defend Me"

This is the default command for any wingmate. The command directs the wingmate to engage attacking enemy planes. The wingmate will continue attacking this enemy until it is destroyed. He will then attack the next target that is attacking the pilot. If no enemy planes are present, the wingman will fly in formation next to the pilot's craft.

LANDING AT AIRFIELDS

During any given mission, it may become necessary for pilots to land at friendly airfields to repair and reload their planes. Visual cues such as billowing smoke and fire should be more than enough reason for pilots to land for repairs, especially if severe damage occurs early in the mission.

There are two methods for landing a plane, manually and automatically. To manually land a plane, approach the airfield's landing strip, decrease altitude and slow the airspeed of the craft. When the landing strip is in range, press the 4 key to lower the landing gear, which also decreases the plane's airspeed. Once over the strip it is safe to lower the plane all the way and touch down.

To automatically land a plane, lower the landing gear to activate the rotating landing token (it will appear over the airfield), and then fly through it to land.

Mission Debriefing

Regardless of the outcome, pilots will be debriefed on their performance. Pilots are able to see a number of stats, such as how many primary, secondary and bonus goals were completed, the mission time and how many physical targets were destroyed. By using the mouse, pilots can also turn the page to see which goals they were successful in completing, as well as those goals which weren't accomplished. Any awards that were gained are shown on the right-hand side of the screen.

UPGRADES AND REWARDS

In all cases, pilots are given Upgrade Requisitions as they successfully meet primary goals, which can be redeemed inside the hangar to modify available craft (see **Upgrades**, page 19, for information). Additional Upgrade Requisitions may also be granted for completing secondary goals, while access to new aircraft is granted for completing mission objectives.

★ **COMBAT** ★

After selecting New Game or Continue from the Main Menu screen and adjusting the options to their liking, pilots can then choose to take to the skies in Campaign or Instant Action modes.

CAMPAIGN

From this screen, all pilots are given the choice to select the next mission, play a tutorial or challenge for a specific mission, enter the Hangar to view and/or upgrade the planes parked inside (see **Upgrades**, page 19 for more information) or to watch a history of the war up to their last completed mission.

Missions

After selecting a mission, pilots are given a brief synopsis of the awaiting engagement. Next, aviators are taken to the Hangar to select a plane for battle and then to upgrade that craft with any available upgrades, should they so choose. As more planes become available through completing missions, pilots can select to hear advice from the resident mechanic as to which plane will work best for the impending battle.

Challenge Missions

Once a mission is completed, one or more challenges are unlocked. The first challenges serve as tutorials for pilots to become acclimated to flying various aircraft and proficient in various air-to-air and air-to-ground techniques. Later challenges pit pilots in scoring duels against squadron mates, with the victor sometimes winning a new aircraft for their hangar. Like the missions, the challenges have a list of primary goals that must be completed. In some cases, there are hidden bonus goals. For completing all goals, pilots receive

Upgrade Requisitions that can be used to enhance the performance of the various aircraft located in the Hangar (see **Hangar**, page 11, for more information). *NOTE: These challenges are optional missions that can be played at any point in the campaign, and the completion of these challenges is not required to finish **Secret Weapons Over Normandy**.*

Hangar

From here, pilots are able to view and read descriptions about all the available aircraft, including the aircraft ratings for speed, armor, handling and firepower. Aviators can also upgrade various attributes of each aircraft, provided the upgrades are available (see **Upgrades**, page 19, for more information). As missions are successfully completed, more planes will become available, and as more planes become available, pilots can solicit advice as to which planes are better suited for the selected mission.

History

To stay up to date on the outcome of the immediate conflict, pilots can select History to replay any previous missions, either to accomplish secondary and bonus goal or simply for fun. Pilots can also view the same detailed performance record shown on the Debriefing screen (see **Mission Debriefing**, page 26, for more information), including their statistics, awards won and incomplete goals. Pilots may also view movies of current wartime events, which are made available as more missions are completed.

INSTANT ACTION

To further hone their aviation skills or to simply get right into combat, pilots can select Instant Action to engage the enemy in a somewhat controlled environment. The following options can be set before combat begins.

Score Limit: Determines the number of "kills" that need to be achieved for victory. The choices are: None, 1, 5, 10, 15, 20, 30, 50 and 100.

Time Limit: Determines how long the combat will last. The choices are: None, 1 minute, 2 minutes, 5 minutes, 10 minutes, 15 minutes, 20 minutes, 25 minutes and 30 minutes.

Environment: Select from a list of available environments in which to battle above. All together, there are 15 environments that can be unlocked playing through Campaign mode.

After the initial options are set, pilots must select a craft type, secondary weapon, the number of wingmates (up to five) and enemies (up to six), as well as the skill level (Cadet, Regular or Ace), camo (camouflage) and upgrades for both the player and enemy teams.

Like the Campaign mode, pilots can press the **ESC** key to pause combat and access an in-game pause menu, which contains the following selections: Resume, Options, Setup Mission (exit and reset mission parameters), Restart from the Beginning or Quit. *NOTE: Once the battle is over, pilots are briefed on the outcome and given the choices to **Play Again**, **Setup Mission** or exit to the **Main Menu**.*

★ CREDITS ★

TOTALLY GAMES

CREATIVE DIRECTOR & PROJECT
LEAD

Lawrence Holland

TECHNICAL LEAD

Albert Mack

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Jim McLeod

MISSION DESIGN LEAD

Mike Hawkins

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Samuel Fortner

3D GRAPHICS PROGRAMMING

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Basil Milanich

GAME SYSTEM PROGRAMMERS

Kevin Deus

Erik Novales

Samir Sinha

Colin Carley

TOOL PROGRAMMERS

Ryan Butterfoss

Wyatt Cheng

Fred Wang

MISSION DESIGNERS

Tony Evans

Jess VanDerwalker

Aaron Keppel

SCRIPT WRITER

Derek Chester

MODEL ARTISTS

Mike Cicchi

Victor Bennett

Sherwin Vlay

TERRAIN ARTISTS

Matt Bein

Edmund Leo

MODEL & CUTSCENE ARTIST

Richard Green

INTERFACE ARTIST

Arthur Koch

ADDITIONAL ART

Armand Cabrera

Shane Ushijima

PROJECT COORDINATOR

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GENERAL MANAGER

Peter Leahy

DIRECTOR OF EMPLOYEE DEVELOP-
MENT

Terry Gillespie

SPECIAL THANKS

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Benjamin Schulson

David Litwin

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LEAD SOUND DESIGNER

Nick Peck

EXTERNAL LEAD ARTIST

Matt Omerick

TEST LEAD

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ASSISTANT TEST LEAD

K.C. Coleman

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Chris "C.W." Ward

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Todd Brals

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Thitkun 'Eddy' Vorachart

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INTERNATIONAL PRODUCER

Huan-Hua Chye

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SOUND DEPARTMENT MANAGER

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ADDITIONAL SOUND

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J White

David Collins

Ellen Meijers

CUTSCENE MUSIC EDITING

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BOX ILLUSTRATION

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MANUAL WRITER

Brett Rector

MANUAL COVER/MANUAL DESIGN
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COMPATIBILITY SUPERVISOR AND LEAD
Technical Writer
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Bryan Deksnys
Benjamin Estabrook
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MUSIC COMPOSED BY
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MUSIC EDITOR
AND SCORE PREP
Chris "AC" Tilton

CONDUCTED AND
ORCHESTRATED BY
Tim Simonec

RECORDING ENGINEER
Steve Smith

CONCERT MASTER
AND CONTRACTOR
Simon James

COPYIST
Greg Nestor

TAIKO DRUM CORPS
Seattle Kokon Taiko

"MAIN THEME"
VIDEO EDITED BY
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PERFORMED BY
THE NORTHWEST SINFONIA
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Rivonia
2128

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Suite 1128A, Ocean Centre, Harbour City, 5 Canton Road, Tsimshatsui,
Kowloon, Hong Kong
TEL)+852 2112 9988
FAX)+852 2110 9801
Service Time: Am 9:30 - Pm 6:00 (Monday-Friday)

SINGAPORE

No. 1 Fifth Avenue, Guthrie House, #04-07,
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